

b.) Amendments to the Specifications

The phrases “The amounts of polypeptides in the protein standard represent the equivalent amounts of BSA used in the quantity estimation.” are added in Examples 1-3 after the protein estimation for explanation of the meaning as directed by the examiner.

EXAMPLE 1

Prepare chicken egg white from a fresh commercial chicken egg. Dissolve the chicken egg white proteins in water by vortex. Estimate the total protein mass by BioRad protein assay (BioRad, Hercules, CA) and by Coomassie Blue staining of a SDS gel containing chicken egg white proteins with bovine serum albumin (BSA) as a standard. The amounts of polypeptides in the protein standard represent the equivalent amounts of BSA used in the quantity estimation.

EXAMPLE 2

Estimate the concentration of each of these polypeptides by BioRad protein assay and by Coomassie Blue staining of a SDS gel containing these polypeptides and different masses of BSA as a standard. The amounts of polypeptides in the protein standard represent the equivalent amounts of BSA used in the quantity estimation.

EXAMPLE 3

Prepare BSA, lysozyme and aprotinin (Roche Molecular Biochemicals, Indianapolis, IN) at concentration of 10 miligram per mililiter. Estimate the concentration of each of these polypeptides by BioRad protein assay and by Coomassie Blue staining of a SDS gel containing these proteins with BSA as a standard. The amounts of polypeptides in the protein standard represent the equivalent amounts of BSA used in the quantity estimation.